

Converting Colors

XYZ(56.5018, 66.0070, 71.3951)

Have a look what the booklet for
XYZ(56.5018, 66.0070, 71.3951)
contains.

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Color

**XYZ(56.6704, 66.2398,
71.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DDD3
RGB	181, 221, 211
RGB Percent	71%, 87%, 83%
CMY	0.2902, 0.1333, 0.1725
CMYK	0.18, 0.00, 0.05, 0.13
HSL	165°, 37%, 79%
HSV	165°, 18%, 87%
XYZ	56.6704, 66.2398, 71.4267
YIQ	207.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

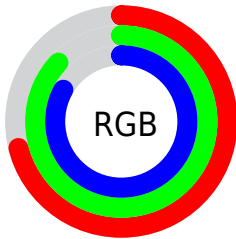
Format	Color
RYB	181, 204, 221
Decimal	11918803
CIELab	85.12, -15.02, 0.56
CIElCh	85, 15.034, 177.852
Yxy	66.2398, 0.2916, 0.3409
Android (android.graphics.Color)	4290108883 (0xFFB5DDD3)
YUV	207.9000, 1.5283, -23.5913
Hunter-Lab	81.3878, -18.1391, 4.9380

Details

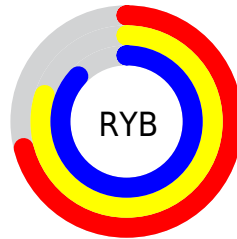
The XYZ color **56.6704, 66.2398, 71.4267** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7490, 52.1833, 56.4273**, and the grayscale version is **59.8909, 63.0099, 68.6178**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **28.6241, 34.2960, 37.0094** is the 20% darker color. If you saturate the color by 10%, you get **51.2131, 63.5069, 67.6176**, and if you desaturate by 10%, it is **62.9773, 69.4115, 75.4027**.

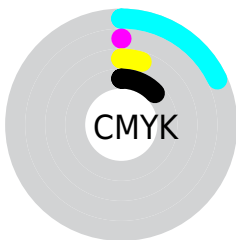
Distribution



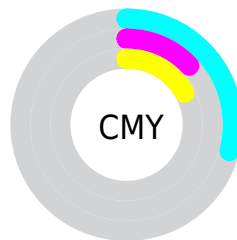
- Red (71%)
- Green (87%)
- Blue (83%)



- Red (71%)
- Yellow (80%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6704, 66.2398, 71.4267 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.6704, 66.2398, 71.4267 by changing the saturation by 10% instead.

■ 56.6704, 66.2398,
71.4267

■ 56.6704, 66.2398,
71.4267

402.2473,
447.2340, 484.4675

■ 40.9798, 48.4671,
52.2065

■ 99.1182, 113.8304,
122.9412

■ 28.4909, 34.1969,
36.7863

126.6062,
144.4172, 156.0726

■ 18.8384, 23.0449,
24.7476

158.7572,
180.0440, 194.6782

■ 11.6569, 14.6267,
15.6718

195.9368,
221.0954, 239.1765

■ 6.5810, 8.5578,
9.1404

238.5103,
267.9557, 289.9860

■ 3.2455, 4.4539,
4.7348

286.8429,

■ 1.2849, 1.9306,

321.0093, 347.5254

2.0365

341.3001,
380.6406, 412.2130

■ 0.1718, 0.5667,
0.5776

■ 0.0000, 0.0000,
0.0000

■ 56.6704, 66.2398,
71.4267

■ 56.6704, 66.2398,
71.4267

■ 51.2131, 63.5069,
67.6176

■ 62.9773, 69.4115,
75.4027

■ 46.5610, 61.1846,
63.9679


■ 70.1645, 73.0324,
79.5441


■ 42.6737, 59.2539,
60.4759


■ 78.2680, 77.1229,
83.8551


■ 39.5055, 57.6913,
57.1382


■ 81.8210, 78.8646,
88.0812


 37.0054, 56.4704,
53.9511


 82.6236, 79.1857,
92.3076


 35.1156, 55.5615,
50.9105


 83.4511, 79.5167,
96.6654

 33.7682, 54.9296,
48.0120

 84.3039, 79.8578,
101.1559

 32.8659, 54.5247,
45.2496

 85.1477, 80.1953,
105.5992

 32.7168, 54.4590,
44.7388

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.6024, 66.2398, 62.6441



56.6704, 66.2398, 71.4267



57.3726, 66.2398, 81.1966

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6704, 66.2398, 71.4267



66.0519, 66.2398, 89.9106



66.4896, 66.2398, 57.4517

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.6704, 66.2398, 71.4267



55.7490, 52.1833, 56.4273

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8967, 66.2398, 63.7535



56.6704, 66.2398, 71.4267



68.6376, 66.2398, 82.5148

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.6704, 66.2398, 71.4267



62.7150, 66.2398, 92.4219



69.6963, 66.2398, 72.8256



63.2035, 66.2398, 55.0392

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.6704, 66.2398, 71.4267



58.6875, 66.2398, 86.8606



69.6963, 66.2398, 72.8256



67.4328, 66.2398, 59.1560

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.6723, 66.2426, 71.4282



90.0047, 97.4579, 106.0066



55.8530, 66.2150, 53.5542



19.1183, 20.7863, 22.6038



0.0000, 0.0000, 0.0000



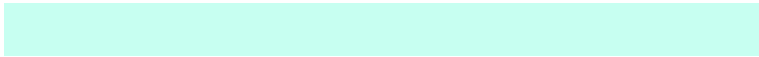
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6723, 66.2426, 71.4282



75.1596, 89.9976, 96.6068



55.5695, 61.9672, 77.4418



13.2985, 14.7710, 16.0348



19.0523, 31.6536, 26.2386



1.2680, 2.0641, 1.8771

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.7490, 52.1833, 56.4273



73.6416, 66.8613, 71.9273



56.6472, 55.6818, 51.4793



13.1889, 13.1047, 14.2562



17.7649, 9.1070, 3.1418



1.1854, 0.6038, 0.3854

Previews

White Background



This preview shows how the XYZ color 56.6704, 66.2398, 71.4267 looks on a white background.

Color Contrast Check

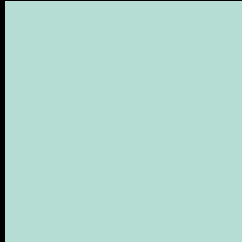
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.6704, 66.2398, 71.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

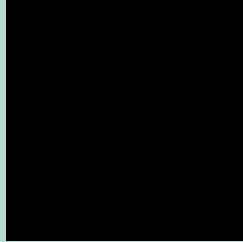
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

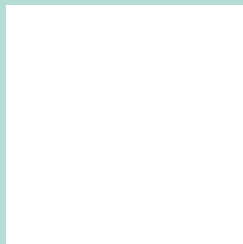
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6704, 66.2398, 71.4267

Background



This preview shows how black text looks on a background with the XYZ color 56.6704, 66.2398, 71.4267.

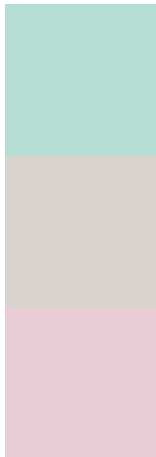


This preview shows how white text looks on a background with the XYZ color 56.6704, 66.2398,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.6704, 66.2398, 71.4267

Protanopia

62.9290, 65.7480, 67.1315

Deuteranopia

67.2476, 65.6735, 72.7502



Tritanopia

59.8158, 65.9382, 88.1720

Trichromacy



Original Color

56.6704, 66.2398, 71.4267

Protanomaly

60.4648, 65.9432, 68.5730

Deuteranomaly

62.7451, 65.5388, 72.2940

Tritanomaly

58.5660, 65.8241, 81.5701

Monochromacy



Original Color

56.6704, 66.2398, 71.4267

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.5916, 64.1977, 69.6249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6704, 66.2398, 71.4267 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(181, 221, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 221, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.6704, 66.2398, 71.4267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 221, 211) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 221, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 221, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(181, 221,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6704, 66.2398, 71.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 221, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
221, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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